What is claimed is:

1.   A system for providing a screen saver for a display panel in a mobile electronic device comprising:

5   memory for storing a screen saver image;

display controlling means configured to retrieve said screen saver image from said memory and to transmit said screen saver image to said display panel during a screen saver mode; and

screen saver controlling means for sensing activity by a CPU interface, for switching

10   operation of said display panel from an operating mode to the screen saver mode after a predetermined time period of inactivity by the CPU interface, and for controlling primary colours of said display panel to balance life of said primary colours of said display panel.

2.   The system of Claim 1 wherein said display controlling means comprises:

15   a display controller;

a segment driver; and

a common driver.

3.   The system of Claim 1 wherein said screen saver controlling means comprises

20   a screen saver timer.

4.   The system of Claim 3 wherein said screen saver controlling means further comprises:

a set of RGB timers for preserving primary colours of said display panel to balance life of said primary colours of said display panel.

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5.   The system of Claim 4 wherein each timer of said set of RGB timers is connected to a digital analog converter (DAC) corresponding to one of said primary colours to enable and disable said primary colours on said display.

30   6.   The system of Claim 3 wherein said screen saver controlling means further comprises:

a move icon timer configured to count down a move icon time; and

a command generator for generating a new display location for said screen saver

image after said move icon time has elapsed.

7.   The system of Claim 6 wherein said screen saver image comprises at least one of time data, system status data or number of un-read email data.

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8.   A method of providing a screen saver for a display panel in a mobile electronic device comprising the steps of:

        sensing a time period of inactivity;

        transmitting a signal to a display controller indicating said sensing of said time period

10   of inactivity;

        retrieving a screen saver image from memory;

        determining a display location of said screen saver image on said display panel;

        displaying said screen saver image on said display panel at said display location;

        monitoring use of display panel primary colours; and

15   disabling said primary colours such that colours are preserved.

9.   The method of Claim 8 further comprising the steps of:

        sensing a move icon time out;

        generating a new display location for said screen saver image;

20   transmitting said new display location to said display controller; and

        displaying said screen saver image at said new display location.